

1718-0195P.ST25.txt

1

SEQUENCE LISTING

<110> Quibell, Martin
Taylor, Steven
Grabowska, Urszula
Nilsson, Magnus
Morisson, Veronique

<120> Cysteine Protease Inhibitors

<130> 1718-0195P

<150> US 60/252,840
<151> 2000-11-17

<150> PCT/GB00/01894
<151> 2000-05-18

<150> GB9911417.5
<151> 1999-05-18

<160> 4

<170> PatentIn version 3.0

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<223> PCR product from amplification using primers for the cDNA sequence of cysteinyl proteinase (Falcipain 2)

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aac aaa tat ctt agt tta aga tct tca aaa cca tta aag aat tct aaa 95
Asn Lys Tyr Leu Ser Leu Arg Ser Ser Lys Pro Leu Lys Asn Ser Lys
20 25 30

tat tta tta gat caa atg aat tat gaa gaa gtt ata aaa aaa tat aga 143
Tyr Leu Leu Asp Gln Met Asn Tyr Glu Glu Val Ile Lys Lys Tyr Arg
35 40 45

gga gaa gaa aat ttc gat cat gca gct tac gac tgg aga tta cac agt 191
Gly Glu Glu Asn Phe Asp His Ala Ala Tyr Asp Trp Arg Leu His Ser

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ggt gta aca cct gta aag gat caa aaa aat tgt gga tct tgc tgg gcc			239
Gly Val Thr Pro Val Lys Asp Gln Lys Asn Cys Gly Ser Cys Trp Ala			
65	70	75	
ttt agt agt ata ggt tcc gta gaa tca caa tat gct atc aga aaa aat			287
Phe Ser Ser Ile Gly Ser Val Glu Ser Gln Tyr Ala Ile Arg Lys Asn			
80	85	90	95
aaa tta ata acc tta agt gaa caa gaa tta gta gat tgt tca ttt aaa			335
Lys Leu Ile Thr Leu Ser Glu Gln Glu Val Asp Cys Ser Phe Lys			
	100	105	110
aat tat ggt tgt aat gga ggt ctc att aat aat gcc ttt gag gat atg			383
Asn Tyr Gly Cys Asn Gly Gly Leu Ile Asn Asn Ala Phe Glu Asp Met			
	115	120	125
att gaa ctt gga ggt ata tgt cca gat ggt gat tat cca tat gtg agt			431
Ile Glu Leu Gly Gly Ile Cys Pro Asp Gly Asp Tyr Pro Tyr Val Ser			
	130	135	140
gat gct cca aat tta tgt aac ata gat aga tgt act gaa aaa tat gga			479
Asp Ala Pro Asn Leu Cys Asn Ile Asp Arg Cys Thr Glu Lys Tyr Gly			
	145	150	155
atc aaa aat tat tta tcc gta cca gat aat aaa tta aaa gaa gca ctt			527
Ile Lys Asn Tyr Leu Ser Val Pro Asp Asn Lys Leu Lys Glu Ala Leu			
	160	165	170
aga ttc ttg gga cct att agt att agt gta gcc gta tca gat gat ttt			575
Arg Phe Leu Gly Pro Ile Ser Ile Ser Val Ala Val Ser Asp Asp Phe			
	180	185	190
gct ttt tac aaa gaa ggt att ttc gat gga gaa tgt ggt gat gaa tta			623
Ala Phe Tyr Lys Glu Gly Ile Phe Asp Gly Glu Cys Gly Asp Glu Leu			
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aat cat gcc gtt atg ctt gta ggt ttt ggt atg aaa gaa att gtt aat			671
Asn His Ala Val Met Leu Val Gly Phe Gly Met Lys Glu Ile Val Asn			
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cca tta acc aag aaa gga gaa aaa cat tat tat tat ata att aag aac			719
Pro Leu Thr Lys Lys Gly Glu Lys His Tyr Tyr Tyr Ile Ile Lys Asn			
	225	230	235
tca tgg gga caa caa tgg gga gaa aga ggt ttc ata aat att gaa aca			767
Ser Trp Gly Gln Gln Trp Gly Glu Arg Gly Phe Ile Asn Ile Glu Thr			
	240	245	250
gat gaa tca gga tta atg aga aaa tgt gga tta ggt act gat gca ttc			815
Asp Glu Ser Gly Leu Met Arg Lys Cys Gly Leu Gly Thr Asp Ala Phe			
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att cca tta att gaa cat cat cat cat cat cat taagtcgacg cgatcgaatt			868
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Leu Leu Asp Gln Met Asn Tyr Glu Glu Val Ile Lys Lys Tyr Arg Gly
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 Glu Glu Asn Phe Asp His Ala Ala Tyr Asp Trp Arg Leu His Ser Gly
 50 55 60
 Val Thr Pro Val Lys Asp Gln Lys Asn Cys Gly Ser Cys Trp Ala Phe
 65 70 75 80
 Ser Ser Ile Gly Ser Val Glu Ser Gln Tyr Ala Ile Arg Lys Asn Lys
 85 90 95
 Leu Ile Thr Leu Ser Glu Gln Glu Leu Val Asp Cys Ser Phe Lys Asn
 100 105 110
 Tyr Gly Cys Asn Gly Gly Leu Ile Asn Asn Ala Phe Glu Asp Met Ile
 115 120 125
 Glu Leu Gly Gly Ile Cys Pro Asp Gly Asp Tyr Pro Tyr Val Ser Asp
 130 135 140
 Ala Pro Asn Leu Cys Asn Ile Asp Arg Cys Thr Glu Lys Tyr Gly Ile
 145 150 155 160
 Lys Asn Tyr Leu Ser Val Pro Asp Asn Lys Leu Lys Glu Ala Leu Arg
 165 170 175
 Phe Leu Gly Pro Ile Ser Ile Ser Val Ala Val Ser Asp Asp Phe Ala
 180 185 190
 Phe Tyr Lys Glu Gly Ile Phe Asp Gly Glu Cys Gly Asp Glu Leu Asn
 195 200 205
 His Ala Val Met Leu Val Gly Phe Gly Met Lys Glu Ile Val Asn Pro
 210 215 220
 Leu Thr Lys Lys Gly Glu Lys His Tyr Tyr Tyr Ile Ile Lys Asn Ser
 225 230 235 240
 Trp Gly Gln Gln Trp Gly Glu Arg Gly Phe Ile Asn Ile Glu Thr Asp
 245 250 255
 Glu Ser Gly Leu Met Arg Lys Cys Gly Leu Gly Thr Asp Ala Phe Ile
 260 265 270
 Pro Leu Ile Glu His His His His His His
 275 280